

## Expected Ranges

Reagent	Dynamic Ranges	Normal Ranges
Albumin	1.0-8.0	3.5-5.3 g/dL
Alkaline Phosphatase	7-1200	35-125IU/L
ALT	8-670	4-24IU/L(30°C), 4-36IU/L(37°C)
Amylase	36-800	25-125U/L
AST	6-650	8-22IU/L(30°C), 5-34IU/L(37°C)
Bilirubin, Direct	0.20	0-0.5mg/dL
Bilirubin, Total	0-30	0.2-1.2mg/dL
BUN	0-100	7-18 mg/dL
Calcium	0-14	Newborn: 7.8-11.2 mg/dL Adult: 8.5-10.4mg/dL
Carbon Dioxide	1-20	23-34mmol/L
Cholesterol	6-700	200mg/dL
CK	0-1500	Male: 38-174 U/L (37°C) Female: 26-140U/L(37°C)
Creatinine	0.2-20	0.40-1.40mg/dL
CRP- High Sensitivity	100-700	Below 30 mg/dL
Gamma GT	0-800	Male:8-37u/L(30°C),9-54U/L(37°C) Female: 6-24U/L(30°C),8-35U/L(37°C)
Glucose(HEX)	10-600	70-105mg/dL
Hemoglobin A1C		4-5.7%
HDL	6-200	40-50
Homocysteine	3.0	15µmol/L
Iron	10-500	60-150ug/dL
LDH	25-1200	Male: 50-166U/L(30°),80-285U/L(37°C) Female:60-132U/L(30°C),103-227U/L(37°C)
LDL	15-250	100-129mg/dL
Magnesium	0.2-6.0	Newborn:1.8-2.8mg/dL Children:1.7-2.3mg/dL Adults:1.6-3.0mg/dL
Phosphorus, Inorganic	1.0-12	Children:4.0-7.0mg/dL Adult:2.5-4.8mg/dL
TIBC-Direct	77-694	250-450µg/dL
Total Protein	3.0-10.0	6.2-8.5g/dL
Triglycerides	10-800	44-148mg/dl
Uric Acid	0.2-20	2.5-7.7mg/dL